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# Maine Occupational Wage Survey, 1975

Maine Department of Labor and Industry

Maine Bureau of Labor

Maine Division of Research and Statistics

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925

*m* Apparel

*c.* Chemical

Electrical

Metals

Food

Furniture

Leather

Lumber

Machinery

Paper

Printing

Rubber

Stone

Glass

Clay

Textile

Transportation

**1975**

**Maine  
Occupational  
Wage  
Survey**

Bureau of Labor  
State Development Office  
BL Bulletin 530









**1975**

# **Maine Occupational Wage Survey**

Prepared by

Research & Statistics Division  
Bureau of Labor  
Department of Manpower Affairs  
Augusta, Maine 04333

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# Occupational Wage Survey

## INTRODUCTION

This publication is a tabulation of the results of a wage survey of selected manufacturing establishments employing twenty-five or more workers in the State of Maine. The following industries were surveyed:

- |                               |                                  |
|-------------------------------|----------------------------------|
| 1. Apparel                    | 8. Lumber & Wood Products        |
| 2. Chemical                   | 9. Machinery                     |
| 3. Electrical Machinery       | 10. Paper & Allied Products      |
| 4. Fabricated Metals          | 11. Printing & Publishing        |
| 5. Food & Kindred Products    | 12. Rubber & Plastics            |
| 6. Furniture & Fixtures       | 13. Stone, Clay & Glass Products |
| 7. Leather & Leather Products | 14. Textile                      |
| 15. Transportation Equipment  |                                  |

Occupational Wage Survey schedules were mailed on October 17, 1975, to five hundred seven selected establishments. All schedules were received or firms accounted for. Four hundred forty-one of the returned schedules were considered useable. The information contained in this report is a result of a statistical analysis of the wages and salaries of 28,956 workers.

Positions in the Professional and Technical, Office and Clerical, Maintenance, Service and Production phases of manufacturing were selected to cover all industries surveyed; and job descriptions were written for these positions. The selection of positions was a considered judgment of positions common to a significant number of firms operating in the State, which would at the same time cover the subordinate industry groups.

Because of the relatively small number of firms and the diversity of operations, the coverage of certain industries is limited.

This publication includes the minimum, mean, median and maximum hourly wage rates which were applicable for the week ending September 19, 1975. Also included are the annual gross salaries of the Professional and Technical employees. This information is published by major industry for the entire State.

All information received has been held and will continue to be held in the strictest confidence. No information will be released except in a composite form. It has been intended that the identity of individual firms and employers should be lost in the summarization and analysis of the data prior to the publication of wage rate information.



# Occupational Wage Survey

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## DEFINITIONS

**MEAN HOURLY WAGE** - The weighted average hourly wage paid to workers in a selected occupation. It is computed by multiplying the number of workers by the wage rate received and dividing the sum of the resulting products by the total number of workers.

**MEDIAN HOURLY WAGE** - The hourly wage of a worker that neither exceeds nor is exceeded by more than half of the total number of workers. It can be said that half of the workers receive more than the median hourly wage and half of the workers receive less than the median hourly wage.



# Apparel Industry

## Occupational Wage Rates

Occupation Title	No. of Positions	Minimum	Annual Gross Salary Mean	Median	Maximum
<u>PROFESSIONAL</u>					
Engineer, Industrial	4	\$7 900	\$12 095	\$11 490	\$17 500
	No. of Positions	Minimum	Hourly Wage Rates Mean      Median		Maximum
<u>OFFICE AND CLERICAL</u>					
General Clerk	103	\$2.300	\$2.997	\$2.960	\$4.175
Secretary	17	2.350	3.064	3.050	4.000
Shipping Clerk	49	2.100	3.324	3.490	4.800
<u>MAINTENANCE</u>					
Electrician, Maintenance	3	4.100	4.573	4.400	5.220
Maintenance Man	22	2.300	3.821	3.970	6.827
<u>SERVICE WORKERS</u>					
Janitor, Porter or Cleaner	25	2.300	2.768	2.850	3.100
Watchman	11	2.100	2.848	2.900	3.050
<u>PRODUCTION WORKERS</u>					
Assembler	23	2.100	2.746	2.950	3.344
Buttonhole Maker - Machine Operator	31	2.250	2.838	2.750	4.210
Cutter and Marker	76	2.260	3.727	4.000	6.000
Inspector - Final Examiner	94	2.100	2.845	2.750	3.510
Presser - Finish Machine	170	2.100	3.015	2.950	6.477
Sewing Machine Operator	1729	2.100	2.865	2.720	5.500
Sorter	30	2.250	2.880	3.000	3.400
Thread Trimmer	38	2.100	2.772	2.750	3.510



# Chemical Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<u>PROFESSIONAL</u>					
Accountant	8	\$10 400	\$13 558	\$12 500	\$18 300
Engineer, Mechanical	4	11 400	16 275	17 100	19 500

	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<u>TECHNICAL</u>					
Laboratory Technician	23	\$2.630	\$4.050	\$4.050	\$4.800

<u>OFFICE AND CLERICAL</u>					
General Clerk	5	2.500	2.846	2.880	3.200
Secretary	10	2.740	3.742	3.785	4.500

<u>MAINTENANCE</u>					
Electrician, Maintenance	5	4.550	4.842	4.920	5.080
Maintenance Man	82	3.080	4.271	4.400	5.800

<u>SERVICE WORKERS</u>					
Janitor, Porter or Cleaner	7	2.400	3.477	3.640	4.160

<u>PRODUCTION WORKERS</u>					
Chemical Operator A	44	2.500	4.283	4.290	5.270
Chemical Operator B	53	2.500	3.797	3.880	4.590
Packager	25	2.300	2.678	2.520	4.070
Filterer	32	2.400	3.663	3.750	4.120
Mixer	18	2.400	3.712	3.820	4.280
Scaleman	10	2.500	3.841	4.170	4.320



# Electrical Machinery Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<u>PROFESSIONAL</u>					
Accountant	13	\$ 8 880	\$14 637	\$15 000	\$22 440
Computer Programmer	3	12 220	12 569	12 300	13 187
Draftsman	12	7 592	10 947	10 258	19 500
Engineer, Industrial	10	9 500	12 707	12 956	15 720
Engineer, Mechanical	13	12 128	14 934	13 976	18 100
Engineer, Quality Control	6	8 840	14 320	15 060	17 220
	No. of Positions	Minimum	Hourly Wage Rates		Maximum
			Mean	Median	
<u>TECHNICAL</u>					
Laboratory Technician	30	\$3.700	\$4.400	\$4.250	\$6.000
<u>OFFICE AND CLERICAL</u>					
General Clerk	48	2.400	3.261	3.173	5.950
Secretary	35	2.600	3.614	3.550	4.760
Shipping Clerk	24	2.800	3.586	3.390	5.880
<u>MAINTENANCE</u>					
Electrician, Maintenance	19	3.660	4.556	4.570	5.150
Maintenance Man	54	3.000	4.012	4.010	5.880
<u>SERVICE WORKERS</u>					
Janitor, Porter or Cleaner	24	2.650	3.085	3.000	3.855
<u>PRODUCTION WORKERS</u>					
Assembler - Class B	642	2.300	3.109	2.890	4.310
Assembler - Class C	679	2.300	2.941	2.900	3.670
Coil Winder	55	2.300	3.054	2.860	3.420
Inspector, Class A	22	2.850	3.913	3.700	6.500
Inspector, Class B	60	2.550	3.292	3.310	4.000
Inspector, Class C	95	2.450	3.271	3.374	3.790
Tester, Class B	38	2.900	3.511	3.456	5.750



# Fabricated Metals Industry

## Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<u>PROFESSIONAL</u>					
Accountant	21	\$ 7 020	\$15 165	\$13 260	\$31 000
Computer Programmer	5	7 020	14 204	17 000	22 200
Draftsman	81	6 240	9 990	9 360	17 680
Engineer, Industrial	28	13 000	18 749	18 350	24 300
Engineer, Quality Control	10	9 100	19 420	21 200	27 300
	No. of Positions	Minimum	Hourly Wage Rates		Maximum
			Mean	Median	
<u>OFFICE AND CLERICAL</u>					
General Clerk	40	\$2.300	\$3.495	\$3.475	\$5.050
Secretary	34	2.375	3.693	3.750	5.350
Shipping Clerk	26	2.800	4.022	3.895	6.300
<u>MAINTENANCE</u>					
Electrician, Maintenance	22	4.570	5.174	4.980	6.180
Maintenance Man	25	2.750	4.821	4.645	6.600
<u>SERVICE WORKERS</u>					
Janitor, Porter or Cleaner	19	2.300	3.083	3.160	4.700
<u>PRODUCTION WORKERS</u>					
Machinist	84	2.500	4.610	4.460	7.150
Crane Operator	41	3.610	4.122	4.260	4.455
Fabricator	347	2.300	3.835	3.680	6.750
Grinder	28	2.500	3.665	3.800	4.750
Lay-Out Man	48	3.350	4.329	4.450	4.650
Sheet Metal Machine Operator, Misc. Machines	41	2.970	4.056	3.760	5.780
Sheet Metal Worker, Production	26	3.550	4.702	4.275	6.830
Welder, Flame Cutter	171	2.650	4.632	4.645	6.830



# Food and Kindred Products Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
PROFESSIONAL					
Accountant	32	\$ 5 800	\$11 267	\$11 274	\$19 500
Computer Programmer	14	7 488	12 729	11 596	24 700
Engineer, Industrial	5	11 690	15 788	15 500	19 500
Engineer, Mechanical	8	7 800	14 022	12 750	22 880
Engineer, Quality Control	6	8 320	13 833	14 040	20 500
TECHNICAL					
Laboratory Technician	37	\$2.300	\$3.048	\$2.960	\$ 4.325
OFFICE AND CLERICAL					
General Clerk	227	2.100	3.012	3.000	5.550
Secretary	56	2.300	3.365	3.130	5.840
Shipping Clerk	129	2.200	3.425	3.350	6.500
Stenographer	22	2.500	3.386	3.680	3.850
MAINTENANCE					
Electrician, Maintenance	45	2.500	3.785	3.550	10.100
Maintenance Man	303	2.300	3.725	3.600	7.030
Millwright	44	2.400	3.655	3.790	5.000
SERVICE WORKERS					
Janitor, Porter or Cleaner	233	2.100	3.208	3.070	5.420
Watchman	68	2.100	2.736	2.705	4.800
PRODUCTION WORKERS					
Blanching Machine Operator	14	2.600	3.101	3.100	3.290
Cold Storage Man	187	2.100	3.015	2.960	4.490
Cutter	738	2.100	2.955	3.000	7.000
Dairy Processing Equipment Operator	68	2.500	3.907	4.168	5.625
Mixer	166	2.250	3.273	2.950	5.120
Packer	1562	2.100	2.831	2.700	5.480
Retort Operator	46	2.210	3.032	2.750	4.095
Sealer	124	2.100	2.431	2.300	3.870



# Furniture and Fixtures Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
PROFESSIONAL					
Engineer, Industrial	6	\$13 728	\$15 281	\$14 664	\$17 514
	No. of Positions	Minimum	Hourly Wage Rates Mean	Median	Maximum
OFFICE AND CLERICAL					
General Clerk	7	\$2.450	\$3.281	\$2.960	\$5.530
Secretary	12	2.480	3.004	2.900	3.570
Shipping Clerk	7	2.300	3.143	2.600	5.530
MAINTENANCE					
Electrician, Maintenance	5	2.400	3.786	3.460	5.080
Maintenance Man	17	2.750	3.572	3.080	6.160
PRODUCTION WORKERS					
Assembler	40	2.100	2.439	2.305	3.650
Belt Sander	17	2.100	2.684	2.710	4.050
Cut-Off Saw Operator	19	2.310	2.551	2.310	3.210
Double End Trimmer and Boring Machine Operator	17	2.400	2.759	2.750	3.050
Hand Rubber	18	2.100	2.421	2.300	2.860
Lathe Hand, Automatic	8	2.430	2.921	2.760	3.650
Packer	12	2.100	2.572	2.640	2.860
Sprayer	25	2.200	2.997	2.880	4.330



# Leather and Leather Products Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<u>PROFESSIONAL</u>					
Accountant	16	\$5 900	\$12 678	\$12 870	\$20 000
Engineer, Industrial	13	7 800	12 614	12 000	19 000
	No. of Positions	Minimum	Hourly Wage Rates		Maximum
			Mean	Median	
<u>TECHNICAL</u>					
Laboratory Technician	12	\$2.780	\$4.322	\$4.415	\$5.500
<u>OFFICE AND CLERICAL</u>					
General Clerk	382	2.100	2.655	2.500	4.880
Secretary	49	2.100	3.111	2.900	5.480
Shipping Clerk	145	2.100	2.840	2.750	6.380
Stenographer	6	2.300	2.825	2.725	3.550
<u>MAINTENANCE</u>					
Electrician, Maintenance	39	2.400	3.666	3.450	8.125
Maintenance Man	254	2.100	3.362	3.280	6.875
Millwright	6	2.650	3.575	3.425	5.500
<u>SERVICE WORKERS</u>					
Janitor, Porter or Cleaner	91	2.100	2.499	2.400	4.100
Watchman	77	2.100	2.708	2.600	4.500
<u>PRODUCTION WORKERS</u>					
Cementer - Machine	206	2.100	2.875	2.670	5.120
Cutter	609	2.100	3.493	3.500	7.250
Skiver, Machine	149	2.100	3.033	2.850	4.900
Laster-Pull Over Machine (Goodyear Welt)	241	2.100	3.420	3.190	6.500
Sorter	94	2.300	3.262	3.150	5.250
Sprayer	122	2.100	3.036	2.950	4.710
Stitcher	2888	2.100	2.960	2.980	6.750
Tacker	65	2.100	3.308	3.000	5.690



# Lumber and Wood Products Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<u>PROFESSIONAL</u>					
Accountant	34	\$ 7 280	\$12 200	\$11 440	\$20 000
Draftsman	15	7 072	9 270	8 736	13 000
Engineer, Industrial	12	7 500	12 371	12 090	19 500
Engineer, Mechanical	9	10 380	14 405	13 763	21 548
Engineer, Quality Control	8	8 112	13 813	11 726	20 020

	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<u>OFFICE AND CLERICAL</u>					
General Clerk	121	\$2.100	\$2.935	\$2.830	\$5.000
Secretary	62	2.300	3.342	3.230	6.250
Shipping Clerk	83	2.150	2.951	2.850	5.750
Stenographer	9	2.500	2.966	2.870	3.750

<u>MAINTENANCE</u>					
Electrician, Maintenance	50	2.500	3.932	3.800	6.580
Maintenance Man	180	2.250	3.427	3.405	8.130
Millwright	104	2.250	3.793	3.740	5.620

<u>SERVICE WORKERS</u>					
Janitor, Porter or Cleaner	75	2.100	2.610	2.630	3.480
Watchman	138	2.100	2.737	2.738	3.580

<u>PRODUCTION WORKERS</u>					
Band Saw Operator	88	2.100	3.386	3.350	5.260
Bolter	58	2.100	2.965	2.995	3.900
Circular Saw Operator	237	2.150	3.015	2.940	4.500
Dry Kiln Operator	31	2.450	3.662	3.500	5.760
Lathe Operator	177	2.150	2.898	2.830	4.450
Sander	108	2.100	2.487	2.433	3.300
Sorter	189	2.100	2.800	2.750	5.040
Tumbler Operator	31	2.300	2.792	2.800	3.520



# Machinery Industry

## Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary				
		Minimum	Mean	Median	Maximum	
<u>PROFESSIONAL</u>						
Accountant	22	\$ 6 760	\$12 450	\$11 900	\$18 972	
Draftsman	36	7 800	11 118	10 790	21 000	
Engineer, Industrial	19	9 800	14 084	13 400	19 100	
Engineer, Mechanical	22	10 500	16 285	16 100	29 000	
Engineer, Quality Control	7	8 362	13 114	11 700	22 000	

	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<u>OFFICE AND CLERICAL</u>					
General Clerk	64	\$2.300	\$3.190	\$3.175	\$4.950
Secretary	28	2.300	3.791	3.865	5.500
Shipping Clerk	24	2.950	3.846	3.790	5.750

<u>MAINTENANCE</u>					
Electrician, Maintenance	21	3.650	4.564	4.400	6.950
Maintenance Man	21	2.950	4.240	4.190	5.600
Millwright	7	2.860	3.491	3.480	4.140

<u>SERVICE WORKERS</u>					
Janitor, Porter or Cleaner	18	2.460	3.108	3.220	3.840
Watchman	10	2.300	3.269	3.080	4.400

<u>PRODUCTION WORKERS</u>					
Drill Press Operator	30	2.500	3.756	3.600	4.400
Assembler	223	2.460	3.362	3.350	5.640
Grinder Machine Operator	38	3.000	3.898	3.950	4.530
Machinist	179	2.910	4.369	4.250	5.750
Milling Machine Operator	47	2.700	3.611	3.680	4.670
Tool-And-Die Maker	56	3.480	4.902	4.890	6.100
Turret Lathe Operator	31	2.750	4.068	4.070	4.750
Welder, Flame Cutter	138	2.850	4.030	4.190	5.100



# Paper and Allied Products Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
PROFESSIONAL					
Accountant	53	\$ 8 250	\$12 587	\$12 240	\$22 200
Computer Programmer	14	10 200	13 104	12 532	16 800
Draftsman	26	6 240	10 598	10 546	12 480
Engineer, Industrial	12	12 360	16 868	16 002	26 148
Engineer, Mechanical	61	9 500	17 821	17 000	28 200
Engineer, Quality Control	9	10 800	15 575	14 169	24 624
	No. of Positions	Minimum	Hourly Wage Rates Mean	Median	Maximum
TECHNICAL					
Laboratory Technician	67	\$3.482	\$4.798	\$4.950	\$9.480
OFFICE AND CLERICAL					
General Clerk	180	2.125	3.943	3.989	5.630
Secretary	79	2.365	4.241	4.380	6.350
Shipping Clerk	42	2.400	4.315	4.420	5.847
Stenographer	30	3.000	3.977	4.120	4.760
MAINTENANCE					
Electrician, Maintenance	387	3.350	5.478	5.670	6.720
Maintenance Man	558	3.180	4.747	4.820	5.580
Millwright	648	3.350	5.637	5.750	6.720
SERVICE WORKERS					
Janitor, Porter or Cleaner	202	2.300	4.111	4.420	4.620
Watchman	136	2.300	4.188	4.450	5.240
PRODUCTION WORKERS					
Back Tender	274	3.430	5.919	5.840	8.820
Beater Man	142	3.140	4.635	4.430	6.710
Bleacher Man	49	3.550	4.660	4.490	6.640
Calender Operator (Super Calender Operator)	80	3.300	5.570	5.610	6.940
Grinderman	142	3.210	4.684	4.900	5.200
Paper Machine Tender	366	3.420	5.841	5.450	9.130
Paper Tester	134	3.300	4.674	4.720	5.400
Pulp Tester	103	3.240	4.431	4.570	5.260



# Printing and Publishing Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
PROFESSIONAL					
Accountant	10	\$ 7 020	\$12 470	\$12 000	\$19 084
Computer Programmer	4	11 160	13 333	12 136	17 900
	No. of Positions	Minimum	Hourly Wage Rates		Maximum
			Mean	Median	
OFFICE AND CLERICAL					
General Clerk	160	\$2.200	\$3.501	\$3.500	\$5.050
Secretary	34	2.500	3.881	3.238	5.500
Shipping Clerk	26	2.100	2.716	2.500	4.250
MAINTENANCE					
Maintenance Man	17	2.860	4.605	3.962	6.888
SERVICE WORKERS					
Janitor, Porter or Cleaner	41	2.300	3.647	3.890	4.200
PRODUCTION WORKERS					
Bindery Operator	93	2.100	2.747	2.350	5.400
Compositor	198	2.100	6.219	6.310	7.490
Linotype Operator	44	3.400	5.397	5.638	6.870
Lithographer	6	2.620	3.872	3.580	5.400
Offset-Plate Maker	37	2.450	4.622	4.800	7.000
Pressman	158	2.250	4.495	4.354	7.060
Proof Reader	58	2.300	3.606	3.638	4.475
Stripper	36	2.600	3.972	3.700	5.480



# Rubber and Plastics Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
PROFESSIONAL					
Accountant	8	\$ 8 580	\$11 443	\$11 180	\$17 496
Computer Programmer	4	8 320	13 002	13 468	16 752
Engineer, Industrial	5	11 700	15 690	14 748	22 000
Engineer, Quality Control	5	7 280	12 549	13 624	20 000
	No. of Positions	Minimum	Hourly Wage Rates Mean	Median	Maximum
TECHNICAL					
Laboratory Technician	10	\$3.150	\$4.200	\$4.145	\$4.625
OFFICE AND CLERICAL					
General Clerk	59	2.250	2.750	2.640	3.750
Secretary	21	2.400	3.710	3.770	6.500
Shipping Clerk	26	2.200	3.043	3.000	4.100
MAINTENANCE					
Electrician, Maintenance	21	3.800	4.366	4.420	4.950
Maintenance Man	76	2.100	3.863	4.030	6.000
SERVICE WORKERS					
Janitor, Porter or Cleaner	36	2.100	2.708	2.710	3.390
Watchman	11	2.100	2.308	2.300	2.750
PRODUCTION WORKERS					
Assembler	335	2.200	2.692	2.480	3.800
Compound Man	20	2.440	3.750	3.915	4.100
Finisher	114	2.200	2.603	2.650	3.400
Heel Molder	175	2.370	2.733	2.650	4.665
Injection Molder	441	2.100	2.742	2.625	4.200
Packer	129	2.100	2.661	2.870	3.740
Press Operator	36	3.440	3.776	3.850	4.500



# Stone, Clay & Glass Products Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<u>OFFICE AND CLERICAL</u>					
General Clerk	22	\$2.500	\$3.773	\$3.250	\$6.150
Secretary	4	2.300	3.013	3.000	3.750
Shipping Clerk	8	2.500	4.131	4.075	5.450
<u>MAINTENANCE</u>					
Electrician, Maintenance	7	3.150	6.083	6.950	8.130
Maintenance Man	21	2.300	5.157	6.750	6.750
Millwright	4	2.500	4.290	2.955	8.750
<u>SERVICE WORKERS</u>					
Watchman	8	2.860	3.166	3.250	3.750
<u>PRODUCTION WORKERS</u>					
Brickmaker	14	3.250	4.330	4.580	4.800
Bulldozer Operator	11	2.800	4.018	3.750	6.250
Crane Operator	10	2.500	3.825	3.350	6.650
Crusher Operator	6	2.750	3.750	3.475	6.050
Fork Lift Operator	21	2.300	3.710	2.900	6.250
Batch Plant Operator	11	2.500	3.486	3.750	4.000
Block Making Machine Operator	5	3.150	4.130	4.000	5.250



# Textile Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<u>PROFESSIONAL</u>					
Accountant	15	\$ 7 500	\$13 105	\$13 500	\$17 000
Engineer, Industrial	8	7 200	10 321	9 600	15 500
Engineer, Mechanical	8	11 247	13 016	11 900	18 000
Engineer, Quality Control	6	9 300	11 000	9 666	17 680

	No. of Positions	Minimum	Mean	Median	Maximum
<u>TECHNICAL</u>					
Laboratory Technician	31	\$2.360	\$3.270	\$2.950	\$7.020
<u>OFFICE AND CLERICAL</u>					
General Clerk	177	2.100	2.850	2.880	4.350
Secretary	40	2.370	3.216	3.165	4.870
Shipping Clerk	49	2.250	2.985	2.900	5.540
Stenographer	7	2.500	2.976	2.950	3.250

<u>MAINTENANCE</u>					
Electrician, Maintenance	47	2.520	3.745	3.725	6.250
Maintenance Man	153	2.360	3.285	3.370	4.500
Millwright	15	3.000	3.581	3.690	4.000

<u>SERVICE WORKERS</u>					
Janitor, Porter or Cleaner	67	2.100	2.663	2.550	3.860
Watchman	64	2.270	2.755	2.750	3.445

<u>PRODUCTION WORKERS</u>					
Card Tender	166	2.300	3.426	2.925	4.100
Doffer	142	2.340	3.860	3.150	4.500
Dye Machine Tender	81	2.300	3.872	3.125	3.800
Loom Fixer	186	2.930	4.054	4.140	5.600
Mender, Cloth	220	2.300	2.990	2.951	3.810
Percher	152	2.300	2.959	2.790	3.600
Spinner - Frames	337	2.400	3.228	3.303	4.500
Weaver	534	2.250	3.386	3.430	4.850



# Transportation Equipment Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<u>PROFESSIONAL</u>					
Accountant	14	\$ 8 580	\$14 623	\$14 017	\$24 850
Draftsman	81	7 800	11 516	12 210	13 582
Engineer, Industrial	6	12 300	17 367	15 850	30 000
Engineer, Mechanical	21	10 920	14 514	13 000	23 650
Engineer, Quality Control	10	11 500	15 847	14 275	28 000

	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<u>OFFICE AND CLERICAL</u>					
General Clerk	61	\$2.500	\$3.579	\$3.380	\$5.250
Secretary	45	2.750	4.188	4.240	5.640
Shipping Clerk	11	2.950	3.605	3.550	5.000

<b>MAINTENANCE</b>					
Electrician, Maintenance	51	3.850	4.535	4.590	5.000
Maintenance Man	63	2.700	4.396	4.470	5.140
Millwright	7	3.150	4.004	4.230	5.150

<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	32	2.550	3.618	3.860	3.860
Watchman	30	3.050	3.907	3.950	4.420

<b>PRODUCTION WORKERS</b>					
Welder, Flame Cutter	542	3.500	4.457	4.470	4.800
Grinder Machine Operator	103	3.155	3.542	3.295	4.110
Sheet Metal Worker, Production	190	3.275	3.884	3.338	4.900
Joiner	109	2.600	4.124	4.150	4.900
Machinist	154	3.050	4.589	4.730	6.250
Painter	123	2.850	4.459	4.730	4.810



# Occupational Descriptions

## PROFESSIONAL & TECHNICAL EMPLOYEES

### ACCOUNTANT

Devises, installs and supervises operation of general accounting, budget and cost systems.

### COMPUTER PROGRAMMER

Converts symbolic statement of business problems to detailed logical flow charts for coding into computer language and solution by means of automatic data processing equipment.

### DRAFTSMAN

Prepares working plans and detail drawings according to specified dimensions. Responsible for duties up to but not including supervisory duties.

### ENGINEER, INDUSTRIAL

Performs a variety of engineering work which requires professional training. Plans and oversees production facilities and personnel. Plans equipment layout, work flow and accident prevention measures.

### ENGINEER, MECHANICAL

Performs engineering work which requires professional training. Involved with the planning and design of tools, engines, machines and equipment. Oversees installation, operation, maintenance and repair of such equipment.

### ENGINEER, QUALITY CONTROL

Performs engineering work which requires professional training. Performs and oversees activities concerned with development, application and maintenance of quality standards for processing of materials.

### LABORATORY TECHNICIAN

Performs laboratory tests according to prescribed standards to determine chemical and physical characteristics or composition.

## OFFICE & CLERICAL EMPLOYEES

### GENERAL CLERK

Performs any combination of the following or similar clerical duties such as keeping simple records and reports,

filing, making out bills, answering telephone and addressing outgoing mail. May also type or operate simple office machines.

### SECRETARY

Performs secretarial and clerical duties for superior in an administrative or executive position.

### SHIPPING CLERK

Prepares merchandise for shipment. Work involves a knowledge of shipping procedures, practices, routes, available means of transportation and rates; and preparing records of goods shipped.

### STENOGRAPHER

Takes dictation from one or more persons, either in short-hand or by machine.

## MAINTENANCE EMPLOYEES

### ELECTRICIAN, MAINTENANCE

Performs a variety of electrical trade functions such as the installation, maintenance or repair of equipment for the generation, distribution or utilization of electric energy.

### MAINTENANCE MAN

Keeps the machines, mechanical equipment and the physical structure of an establishment in good repair and working order, performing a wide variety of maintenance duties.

### MILLWRIGHT

Installs new machines or heavy equipment and dismantles and installs machines or heavy equipment when changes in the plant layout are required.

## SERVICE EMPLOYEES

### JANITOR, PORTER OR CLEANER

Cleans and keeps the establishment in an orderly condition.

### WATCHMAN

Makes rounds of premises periodically in protecting industrial plant, warehouse or other property.



# Occupational Descriptions

## Production Employees

### APPAREL INDUSTRY

#### ASSEMBLER

Collects, matches and bundles identical cut-out garment parts, or parts to be sewn together to form completed garment.

#### BUTTONHOLE MAKER - MACHINE OPERATOR

Operates a buttonhole machine that automatically cuts and stitches buttonholes in garments or garment parts.

#### CUTTER AND MARKER

Marks the outlines of various garment parts and cuts out parts.

#### INSPECTOR - FINAL EXAMINER

Examines and inspects completed garments prior to pressing or shipping.

#### PRESSER - FINISH MACHINE

Performs with a pressing machine the final pressing operations on completed garments.

#### SEWING MACHINE OPERATOR

Uses sewing machine in making parts of garments, joining various sections together, or in attaching previously completed parts to partially completed garments.

#### SORTER

Removes garments from storage racks or bins and folds them for shipment.

#### THREAD TRIMMER

Trims loose thread ends and seam edges of garments with scissors and pulls bastings, etc.

### CHEMICAL INDUSTRY

#### CHEMICAL OPERATOR A

Operates or directs a chemical process determining proportions of materials, making necessary calculations;

setting and regulating controls for temperature, pressure or flow of materials. Uses measuring and testing equipment to check quality of operation, keeping operational records.

#### CHEMICAL OPERATOR B

May perform any of the duties of the Class A Operator but requires guidance. May operate one type of equipment within relatively broad limits.

#### PACKAGER

Packs or fills containers with products by hand or machine.

#### FILTERER

Operates filtering equipment used in separating suspended solids from a liquid.

#### MIXER

Operates mixing machines in which materials are blended or mixed in controlled amounts.

#### SCALEMAN

Weights materials and fills equipment or containers. May transport materials and clean work areas.

#### SEWING MACHINE OPERATOR

Primary duty consists of operating a sewing machine.

#### SHOVEL OPERATOR

Operates a compressed air, diesel, electric, gasoline or steam power shovel.

### ELECTRICAL MACHINERY INDUSTRY

#### ASSEMBLER - CLASS B

Assembles parts into units or sub-assemblies in accordance with standard and prescribed procedures. Assembles a limited range of standard and familiar products composed of a number of small or medium sized parts requiring some fitting or adjusting.



# Occupational Descriptions

## Production Employees

### ASSEMBLER - CLASS C

Performs short-cycle repetitive assembling operations.

### COIL WINDER

Winds armature coils on coil winding machine.

### INSPECTOR, CLASS A

Inspects for quality of product and operations. Uses a variety of precision measuring instruments, interprets drawings and specifications in inspection work on units composed of a large number of component parts. Responsible for decisions.

### INSPECTOR, CLASS B

Inspects for quality of product and operations, where the inspection procedures involve a sequence of inspection operations. Makes routine decisions as to proper fit or performance of some parts.

### INSPECTOR, CLASS C

Inspects product by short cycle, repetitive inspection operation, by prescribed standards.

### TESTER, CLASS B

Tests a variety of products or parts where testing procedures and allowable variations are prescribed, performs repetitive tests which involve a sequence of testing operations, uses precision testing equipment. Responsible for some routine decisions.

### TESTER, CLASS C

Tests product by short cycle, repetitive testing operations, by prescribed standards.

### FABRICATED METALS INDUSTRY

#### MACHINIST

Sets up and operates machine tools, and fits and assembles parts to make or repair metal parts, mechanisms, tools or machines.

### CRANE OPERATOR

Operates a crane to hoist and move materials, raise and lower heavy weights, and perform other related operations.

### FABRICATOR

Shapes, finishes and assembles parts of light metal by machine.

### GRINDER

Sharpens cutting tools, jigs or fixtures by using an abrasive wheel.

### LAY-OUT MAN

Outlines patterns and marks shapes on structural metal or other materials for subsequent assembly, bending, cutting or punching.

### SHEET METAL MACHINE OPERATOR, MISC. MACHINES

Alternately operates several types of sheet metal working machines, such as hand and power brakes, square and rotary shears and rolling and forming machines, to bend, cut and form sheet metal parts. Under supervision, sets up own machines and makes necessary adjustments.

### SHEET METAL WORKER, PRODUCTION

Fabricates, assembles, alters, repairs and installs sheet metal products.

### WELDER, FLAME CUTTER

Welds and/or cuts metal parts according to layouts, blueprints or work orders, by using a gas flame torch or electric arc welding equipment.

### FOOD & KINDRED PRODUCTS INDUSTRY

#### BLANCHING MACHINE OPERATOR

Blanches fruits or vegetables with blanching machine. Operates machine and controls water and steam valves. Loads feed chute of machine with fruits or vegetables. May clean blanching machine with hot water.



# Occupational Descriptions

## Production Employees

### COLD STORAGE MAN

Tends refrigerated storage room in which product is stored. May transport by hand truck products to and from the cooler room and stacks and keeps in orderly arrangements.

### CUTTER

Cuts off heads, tails or other parts of fish or fowl. May eviscerate.

### DAIRY PROCESSING EQUIPMENT OPERATOR

Sets up and operates continuous flow or vat-type equipment to process milk, cream and other dairy products. May operate clarifier/separator, homogenizer and other equipment.

### MIXER

Mixes ingredients by hand or machine.

### PACKER

Places or arranges processed food products in containers. May pour a preservative, such as oil, sirup or vinegar over food and place cover on container. May weigh filled container and alter weight of contents to meet guaranteed weight.

### RETORT OPERATOR

Performs final cooking of preserved and canned foods in a retort chamber.

### SEALER

Caps or seals bags, boxes or jars preparatory to shipment; feeds boxes or jars to automatic sealing or capping machine; ties open end of bags or heat seals the bag.

## FURNITURE & FIXTURES INDUSTRY

### ASSEMBLER

Assembles shaped and fitted wooden parts to form plain or semi-upholstered chairs. Glues, nails, screws or clamps parts together.

### BELT SANDER

Smooths surface of wooden furniture parts and other wooden

sections with an abrasive-covered revolving belt, not to include portable belt sander.

### CUT-OFF SAW OPERATOR

Operates a swinging or jump saw to cut wooden stock to desired lengths; grades and cuts stock to best advantage, eliminating knots and other defects.

### DOUBLE END TRIMMER AND BORING MACHINE OPERATOR

Sets up and operates machine to trim or miter ends of wooden furniture parts and bore holes for dowels.

### HAND RUBBER

Rubs surface of furniture after each coat of dry finish has been applied.

### LATHE HAND, AUTOMATIC

Sets up and operates a machine to turn such parts as chair and table legs from wood stock.

### PACKER

Prepares furniture or furniture parts for shipment.

### SPRAYER

Applies with a spray gun paint, varnish, lacquer, enamel or other finishes to surfaces of manufactured products.

## LEATHER & LEATHER PRODUCTS INDUSTRY

### CEMENTER - MACHINE

Hand feeds outsoles into rollers of a cementing machine to apply cement along edges or over the entire surface of flesh side of outsoles of shoes, to prepare them for attaching to the bottom of the shoes.

### CUTTER

Cuts leather or imitation leather according to pattern.

### SKIVER, MACHINE

Tends machine that skives or bevels edges of articles such as shoe parts, belting, gloves and handbags to prepare for joining or splicing or to prevent ridges at stitched, cemented or folded edges.



# Occupational Descriptions

## Production Employees

### LASTER - PULL OVER MACHINE (Goodyear Welt)

Operates a machine in which the upper at the toe and along the sides of the front of the shoe is pulled over and tacked temporarily to the last to give preliminary shaping to the front part of the upper and to attach it to the insole and the last.

### SORTER

Sorts hides, skins and leather into groups of same grade, weight, thickness and color, using a gauge to determine thickness, and determines substance by feeling. Inspects for imperfections. Selects leather for different treatment; returns rejects for reprocessing.

### SPRAYER

Sprays surfaces of manufactured articles with finishing or protecting material.

### STITCHER

Stitches together various shoe parts, using a stitching machine.

### TACKER

Stretches wet hides or skins and fastens them to boards or frames with tacks, nails or toggles.

## LUMBER & WOOD PRODUCTS INDUSTRY

### BAND SAW OPERATOR

Operates a band saw.

### BOLTER

Operates circular saw to cut slabs, edgings and logs into width and thicknesses. May oil carriage and keep saw in good condition.

### CIRCULAR SAW OPERATOR

Operates a circular saw to cut stock lumber to specified standards.

### DRY KILN OPERATOR

Controls temperature and humidity of dry kilns to

artificially season lumber. Supervises loading of kiln cars and placing in and the removal from the kiln. Records amount of lumber dried and conditions under which it was dried.

### LATHE OPERATOR

Operates lathe used to cut specified designs in wood products.

### SANDER

Smooths and finishes the edges and surfaces of wooden parts and sections by machine.

### SORTER

Separates lumber according to grade and size for specific use.

### TUMBLER OPERATOR

Tends power driven rotating drum that smooths irregular shaped wooden pieces.

## MACHINERY & ORDNANCE INDUSTRY

### DRILL PRESS OPERATOR

Drills holes using a previously set up single or multiple spindle drill press.

### ASSEMBLER

Performs one or more repetitive bench or line assembly operations to produce products.

### GRINDER MACHINE OPERATOR

Operates precision grinding machine to grind surfaces of metal parts to a smooth and even finish and to required dimension.

### MACHINIST

Sets up and operates machine tools, and fits and assembles parts to make or repair metal parts, mechanisms, tools or machines.

### MILLING MACHINE OPERATOR

Shapes metal objects using a machine that cuts the metal



# Occupational Descriptions

## Production Employees

with many-toothed rotary cutters.

### TOOL-AND-DIE MAKER

Constructs, repairs and maintains shop tools, jigs, fixtures and instruments, calibrating them according to specifications, and also dies used for forging, punching, stamping and other metal-forming work. Operates various machine tools, performing lay-out work and fitting and assembling parts as necessary.

### TURRET LATHE OPERATOR

Shapes cylindrical surfaces of metal objects, such as castings or forgings, by the use of a turret lathe.

### WELDER, FLAME CUTTER

Welds and/or cuts metal parts according to layouts, blueprints or work orders, by using a gas flame torch or electric arc welding equipment.

## PAPER & ALLIED PRODUCTS INDUSTRY

### BACK TENDER

Feeds paper to driers; regulates heat of driers and adjusts calendars. Weighs and calipers paper sheets. Observes paper for imperfections. May assist machine tender.

### BEATER MAN

Prepares pulp for processing into paper by means of a beater which hydrates pulp and mixes chemicals or other ingredients with the pulp.

### BLEACHER MAN

Whitens or bleaches pulp to specified requirements.

### CALENDER OPERATOR (Super Calender Operator)

Operates a super-calender or calendering machine.

### GRINDERMAN

Tends wood grinding machine.

### PAPER MACHINE TENDER

Operates a paper making machine. Regulates flow of stock. Sets and adjusts presses. Controls speed of machine. Makes necessary adjustments to meet specifications. Replaces wires and felts. Directs other members of the paper machine crew.

### PAPER TESTER

Uses testing equipment to conduct physical tests to determine if paper meets specifications.

### PULP TESTER

Tests pulp for moisture content, purity and strength. Makes physical tests for strength or color, and chemical tests necessary to maintain uniformity and quality of paper stock desired.

## PRINTING & PUBLISHING INDUSTRY

### BINDERY OPERATOR

Performs such duties as punching, perforating, hand or machine folding, stitching, etc.

### COMPOSITOR

Sets type by hand and breaks down and distributes type after use. Makes proof of set-up and inspects for accuracy.

### LINOTYPE OPERATOR

Operates the keyboard of an automatic machine that selects and assembles matrices of letters into lines and casts strips of type from type metal.

### LITHOGRAPHER

Readies and tends the operation of a printing press used for printing subject matter from engraved stones.

### OFFSET-PLATE MAKER

Operates copy camera to photograph prepared copy, and transfers image to stencils or plates.



# Occupational Descriptions

## Production Employees

### PRESSMAN

Operates any type of printing press and may oil, clean and make minor repairs.

### PROOF READER

Reads typescript or proof of type set-up to detect and mark for correction any grammatical, typographical or compositional errors, checking proof against original copy.

### STRIPPER

Strips developed photographic negative film from glass or film base and remounts it, in reversed position, on another glass plate for use in preparing photoengraving plate.

### RUBBER & PLASTICS INDUSTRY

### ASSEMBLER

Performs one or more repetitive bench or line assembly operations to produce products.

### COMPOUND MAN

Weights and delivers pigments for blending with stock during reclaiming process, according to laboratory formulas and written specifications.

### EXTRUDER OPERATOR

Sets up and operates machine to extrude thermoplastic materials to form tubes, rods and film, according to specifications.

### FINISHER

Shapes, finishes or assembles molded material. Performs one or more of a variety of repetitive, routine hand or machine operations such as assembling, polishing and sanding. May be shifted from one operation to another as necessary.

### HEEL MOLDER

Operates a machine to compress heels and shape the heel seat.

### INJECTION MOLDER

Operates one or more injection-molding machines that mold thermoplastics materials.

### PACKER

Packs products into containers for shipment or storage.

### PRESS OPERATOR

Imports any desired finish, such as mat, linen or bright, to plastic sheets by pressing them between appropriate metal plates, using hydraulic presses.

### STONE, CLAY & GLASS PRODUCTS INDUSTRY

### BRICKMAKER

Tends brick-molding machines.

### BULLDOZER OPERATOR

Operates tractor with scraper blade mounted in front of chassis to level and scrape clay in an open clay pit into piles to facilitate its removal to a brick or tile manufacturing plant.

### CONCRETE-STONE FABRICATOR

Casts mixture of concrete and aggregate in a mold to form plain or decorative structural panels or products such as pipe, septic tanks and building panels.

### CRANE OPERATOR

Operates a crane to hoist and move materials, raise and lower heavy weights and perform other related operations.

### CRUSHER OPERATOR

Operates an electric, gasoline or steam-powered rock crushing machine that may be provided with screens to sift the material and a hose system to wash it. Loads or supervises loading of crusher. May perform routine maintenance and repairs.



# Occupational Descriptions

## Production Employees

### FORK LIFT OPERATOR

Operates a truck equipped with a fork lift or elevating platform that can be raised or lowered to various levels to facilitate loading or unloading.

### BATCH PLANT OPERATOR

Operates portable or permanent concrete batching plant to weigh out and mix specified quantities of concrete aggregate and cement.

### BLOCK MAKING MACHINE OPERATOR

Tends automatic machine that casts concrete blocks.

### TEXTILE INDUSTRY

#### CARD TENDER

Tends the operation of one or more carding machines that prepare and card cotton or other fibers for further processing.

#### DOFFER

Removes full bobbins of yarn from spindles of ring or cap spinning frames and replaces with empty. Starts yarn on empty bobbins. May help piece up broken ends of yarn.

#### DYE MACHINE TENDER

Prepares and operates one or more of the various types of dyeing machines or kettles used to dye raw stock, yarn hosiery or knit goods.

#### LOOM FIXER

Prepares looms for operation. Inspects and examines for proper operation. Makes adjustments and performs necessary repairs.

#### MENDER, CLOTH

Examines cloth for defects. Makes necessary repairs.

#### PERCHER

Inspects finished cloth for such qualities and characteristics as color, shade, bulk, finish, dimensions and defects. Marks location of all defects.

### SPINNER - FRAMES

Tends the operation of one or more sides of ring or cap frame spinning machines. May clean rolls and machine.

### WEAVER

Tends the operation of one or more looms to produce woven cloth.

### TRANSPORTATION EQUIPMENT INDUSTRY

#### WELDER, FLAME CUTTER

Welds and/or cuts metal parts according to layouts, blueprints or work orders, by using a gas flame torch or electric arc welding equipment.

#### GRINDER MACHINE OPERATOR

Operates precision grinding machine to grind surfaces of metal parts to a smooth and even finish and to required dimension.

#### SHEET METAL WORKER, PRODUCTION

Fabricates, assembles, alters, repairs and installs sheet metal products.

#### JOINER

Assembles, fits and joins wood materials.

#### MACHINIST

Sets up and operates machine tools, and fits and assembles parts to make or repair metal parts, mechanisms, tools or machines.

#### PAINTER

Paints or varnishes wood, metal or canvas either by brush or spray gun. May mix paint.

#### SHIPFITTER

Lays out and fabricates metal structural parts, such as plates, bulkheads, and frames, and braces them in position within hull of ship for riveting or welding.

#### TURRET LATHE OPERATOR

Shapes cylindrical surfaces of metal objects, such as castings or forgings, by the use of a turret lathe.











